

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/economy

O.W.W., LLC 3001 Tuxedo Avenue West Palm Beach, Fl. 33405

Score:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "1000 Mahogany" Wood Clad Outswing Opaque Wood Doors, with or without Sidelites/Transom – L.M.I.

APPROVAL DOCUMENT: Drawing No. 13–12018–D, titled "Series 1000 Wood & Wood Clad Mahogany Outswing Solid Panel Doors, Sidelite & Transom", sheets 01 through 11 of 11, dated 12/18/13 with the latest revision dated 09/20/14, prepared by manufacturer, signed and sealed by Steven M. Sinclair, P.E., bearing the Miami–Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami–Dade County Product Control Section.

## MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.

MIAMI-DADE COUNTY
APPROVED

J. GASCON 11/14/14 NOA No. 14-0507.02

Expiration Date: November 20, 2019 Approval Date: November 20, 2014

Page 1

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. 13–12018–D, titled "Series 1000 Wood & Wood Clad Mahogany Outswing Solid Panel Doors, Sidelite & Transom", sheets 01 through 11 of 11, dated 12/18/13 with the latest revision dated 09/20/14, prepared by Sinclair Engineering Company, signed and sealed by Steven M. Sinclair, P. E.

#### B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94.
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of outswing doors with Sidelites and transoms, prepared by Element Materials Technology, Inc., Test Reports No.'s **ESP-013300P** and **ESP-013300P-1**, dated 01/24/14, signed and sealed by Ramesh C. Patel, P. E.

- 2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94
  - 2) Large Missile Impact Test per FBC, TAS 201-94.
  - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked—up drawings and installation diagram of outswing doors with Sidelites and transoms, prepared by Element Materials Technology, Inc., Test Report No. **ESP-013300P-2**, dated 01/24/14, signed and sealed by Ramesh C. Patel, P. E.

## C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 2010 and FBC 5<sup>th</sup> Edition (2014), prepared by Sinclair Engineering Company, dated 02/12/14 with the latest revision dated 11/07/14, signed and sealed by Steven M. Sinclair, P. E.
- 2. Glazing complies with ASTM E1300-04/09a

### D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).

#### E. MATERIAL CERTIFICATIONS

1. None.

Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 14-0507.02

Expiration Date: November 20, 2019 Approval Date: November 20, 2014

## O.W.W., LLC

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### F. STATEMENTS

- 1. Statement letter of conformance to and complying with FBC 2010 and FBC 5<sup>th</sup> Edition (2014), issued by Sinclair Engineering Company, dated 11/07/14, signed and sealed by Steven M. Sinclair, P. E.
- 2. Statement letter of no financial interest and independence, issued by Sinclair Engineering Company, dated 02/12/14, signed and sealed by Steven M. Sinclair, P. E.
- 3. Laboratory compliance letter for Test Reports No.'s ESP-013300P, ESP-013300P-1 and ESP-013300P-2, all issued by Element Materials Technology, Inc., dated 01/24/14, signed and sealed by Ramesh C. Patel, P. E.

### G. OTHERS

1. None.

Jaime D. Gascon, P. E.

**Product Control Section Supervisor** 

NOA No. 14-0507.02

Expiration Date: November 20, 2019 Approval Date: November 20, 2014 SERIES 1000 WOOD & WOOD CLAD MAHOGANY OUTSWING SOLID PANEL DOORS, SIDELITE & TRANSOM BY OWW LLC

DESIGN PRESSURE = + 60.0 PSF, - 60.0 PSF

THESE DOORS AND FIXED GLASS HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE.

DOORS AND FIXED GLASS ARE IMPACT RESISTANT. HURRICANE SHUTTERS ARE NOT REQUIRED AT ANY INSTALLATION.

ALL OPENINGS (BY OTHERS) INCLUDING CONCRETE, CONCRETE BLOCK, STEEL AND ASSOCIATED BUCKING MUST BE DESIGNED BY A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER TO ACCEPT THE LOADS TRANSFERRED FROM THE DOOR OR FIXED GLASS SYSTEM. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT, OR ENGINEER OF RECORD TO VERIFY THE STABILITY OF THE STRUCTURE.

THERE SHALL BE NO LIMIT TO THE NUMBER OF UNITS PER OPENING, PROVIDED THAT ALL RESTRICTIONS PER THESE DRAWINGS ARE MET AND THE OPENING IS PROPERLY DESIGNED TO ACCEPT AND TRANSFER THE LOADS IMPOSED BY THE DOORS OR FIXED GLASS. (SEE SAMPLE OF SOME CONFIGURATIONS -SHT 11D)

ALL ANCHORS OR FASTENERS SHALL BE SIZED AND INSTALLED PER THESE DRAWINGS

MATERIAL OF PRODUCT TESTED IS MAHOGANY. ANY WOOD OF EQUAL OR GREATER STRENGTH MAY BE SUBSTITUTED AT MANUFACTURER'S OPTION

#### PANEL TYPES AND STRUCTURE

1 3/4" SOLID RAISED PANEL

EXT.

1/2" MARINE PLYWOOD CORE WITH APPLIED T&G PLANKING

## (1) STRUCTURAL SILICONE TREMCO SPECTRUM 2 (2) FOAM GLAZING TAPE NORSEAL V990 SILICONE CAP BEAD

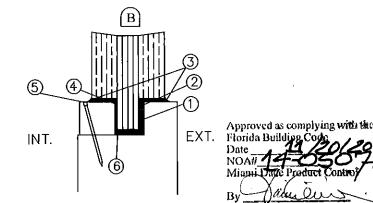
- (4) FOAM GLAZING TAPE NORSEAL V990
- (5) 1 1/2" S.S. NAIL 18 GAUGE® 8" O.C.
- (6) SETTING BLOCKS & STURCTURAL SILICONE TREMCO SPECTRUM 2

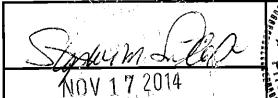
# TYPICAL ANCHOR SPACING

OPENING SUBSTRATE	: MINIMUM FASTENER TYPE/SIZE	MINIMUM EMBEDMENT
WOOD	#12 SS WOOD SCREW	1 1/4"
BLOCK/CONCRETE	1/4" ITW CONCRETE SCREW	1 1/4"
STRUCTURAL STEEL	#14 TEK SCREW	FULL
STEEL CLIPS	#10 (WOOD)/ITW CONCRETE SCREW	1 1/4"

SPECIFIED EMBEDMENT SHALL BE BEYOND WALL FINISH OR STUCCO STRUCTURAL STEEL TO BE 12 GA. MINIMUM CONCRETE SCREWS TO BE ITW TAPCON

ALUMINUM (6061-T6) 1-1/2"x1-1/2"x1/8" ANGLE MAY BE USED AS ALTERNATIVE (SEE 10D OF 11)





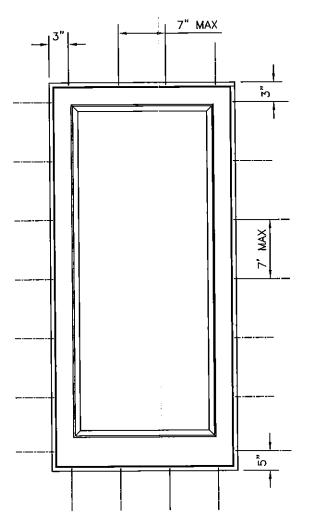
STEPHEN M. SINCLAIR, P.E. PROFESSIONAL ENGINEER 3563 LICENSE NUMBER

STATE OF

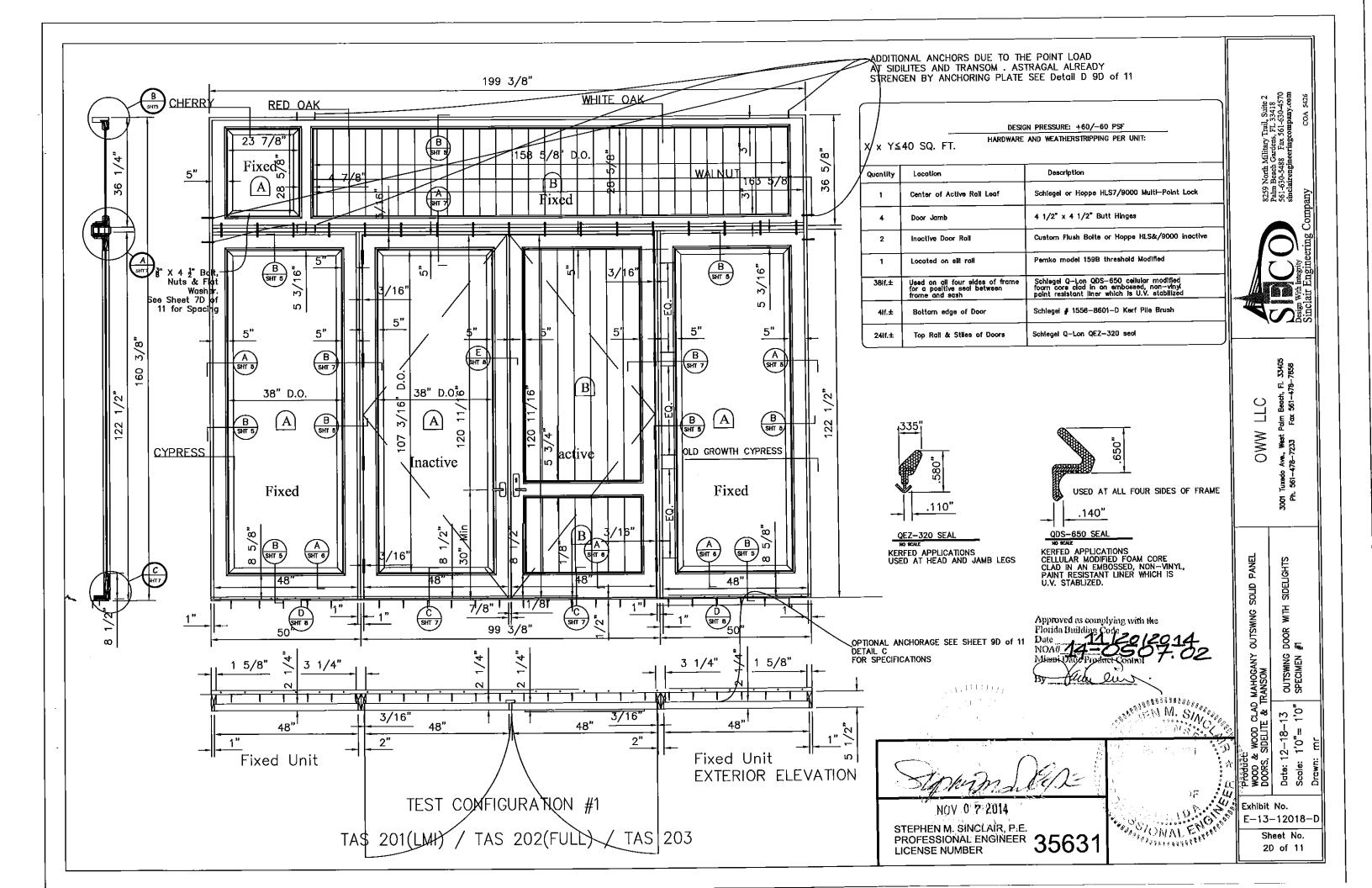
Fag X MM0

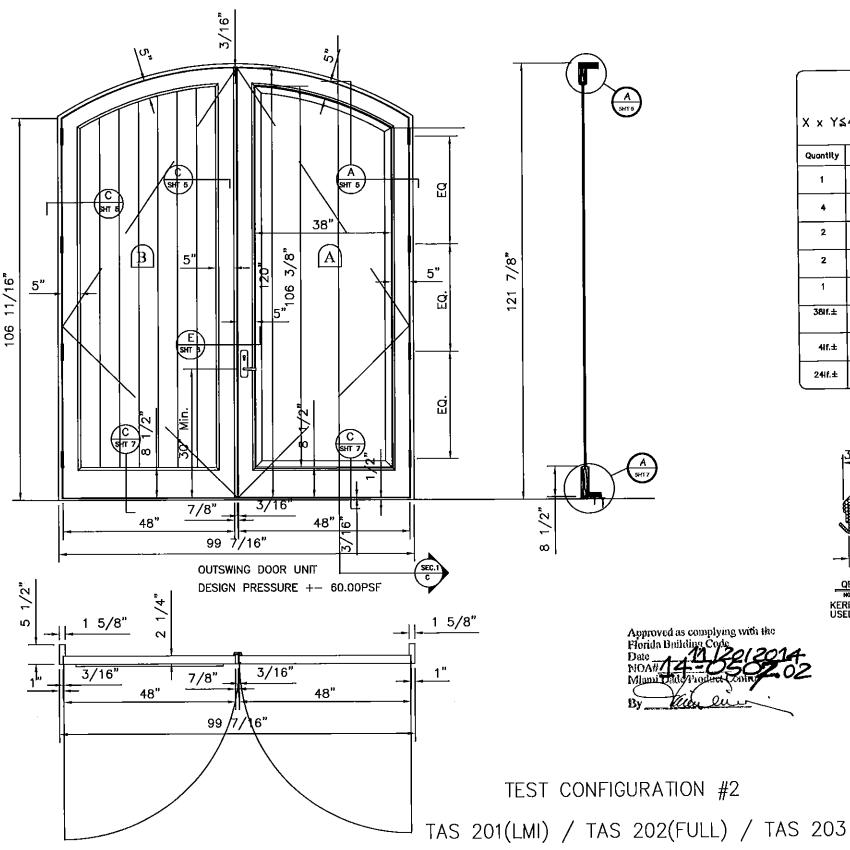
PANEL SPECIFICATIONS SOLID OUTSWING AND

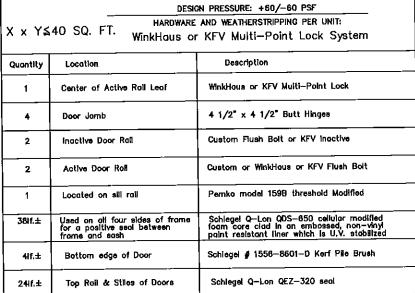
₿~13-12018-D Sheet No. 1D of 11

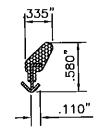


SEE PAGE 11D of 11 FOR FURTHER OPTIONS.

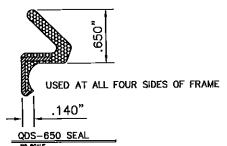








QEZ-320 SEAL KERFED APPLICATIONS
USED AT HEAD AND JAMB LEGS



KERFED APPLICATIONS
CELLULAR MODIFIED FOAM CORE
CLAD IN AN EMBOSSED, NON-VINYL,
PAINT RESISTANT LINER WHICH IS U.V. STABLIZED.

NOV 0,7,2014

STEPHEN M. SINCLAIR, P.E. PROFESSIONAL ENGINEER 35631

No 35631

WW0

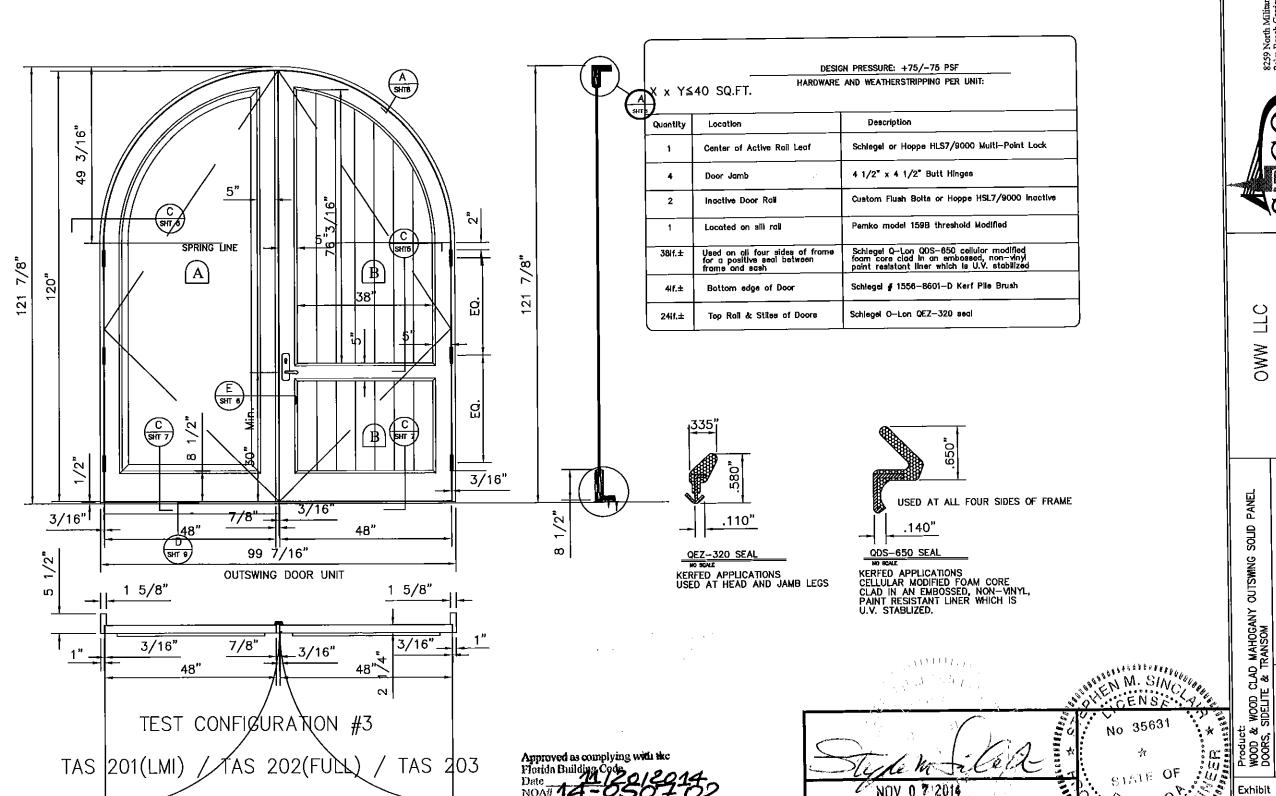
GLASS PANEL ¥H D00R #2 OUTSWING

Date: 12-18-13Scale: 1"=1'0"

Product:
WOOD & WOOD CLAD MAHOGANY OUTSWING
DOORS, SIDELITE & TRANSOM

Exhibit No. E-13-12018-D

Sheet No. 3D of 11





33405 د ق Palm Beach, | Fax 561-47 OWW LLC Tuxedo . 561-4

PANEL GLASS સ્ર

WOOD 000R #3

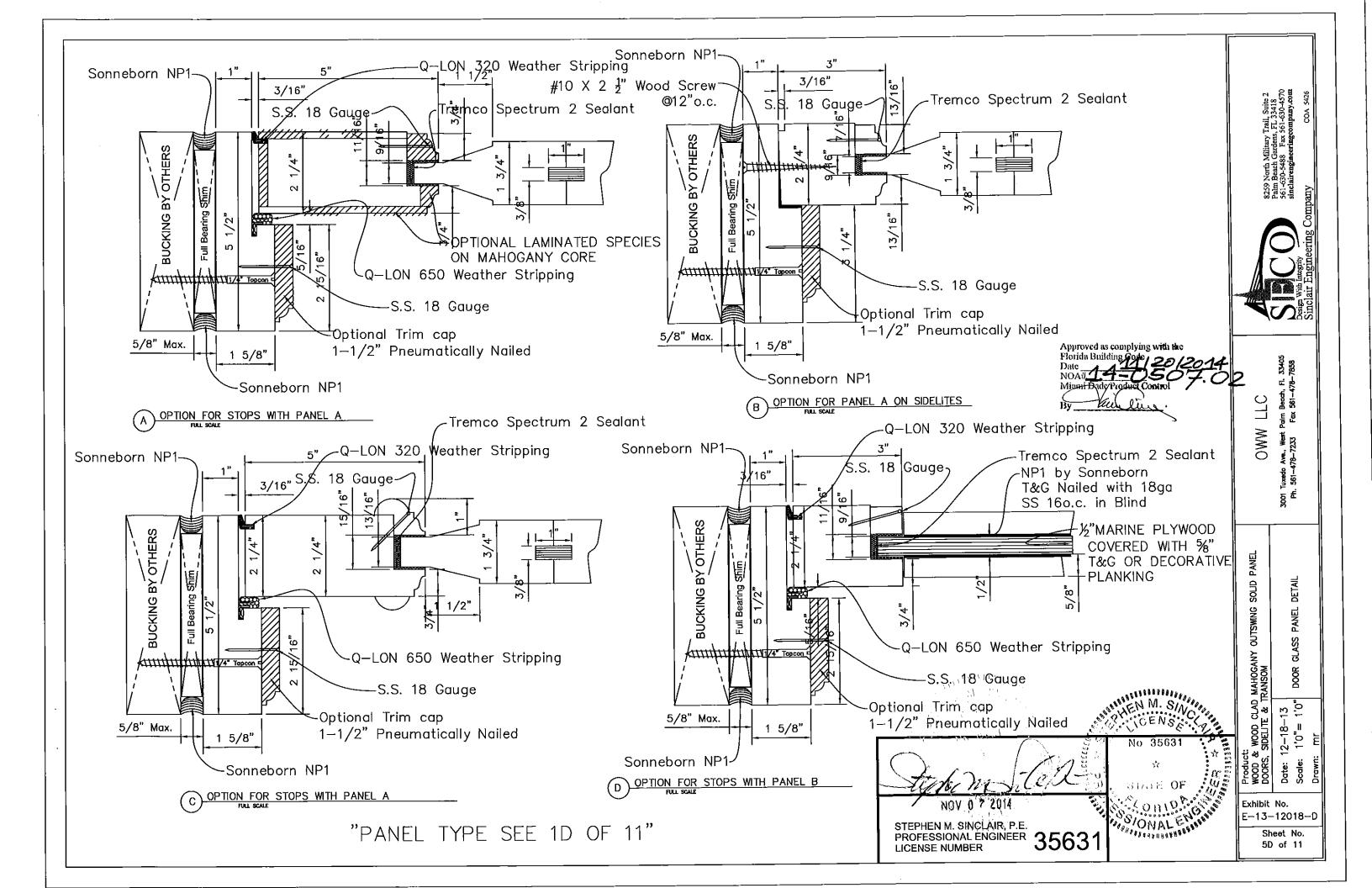
OUTSWING I

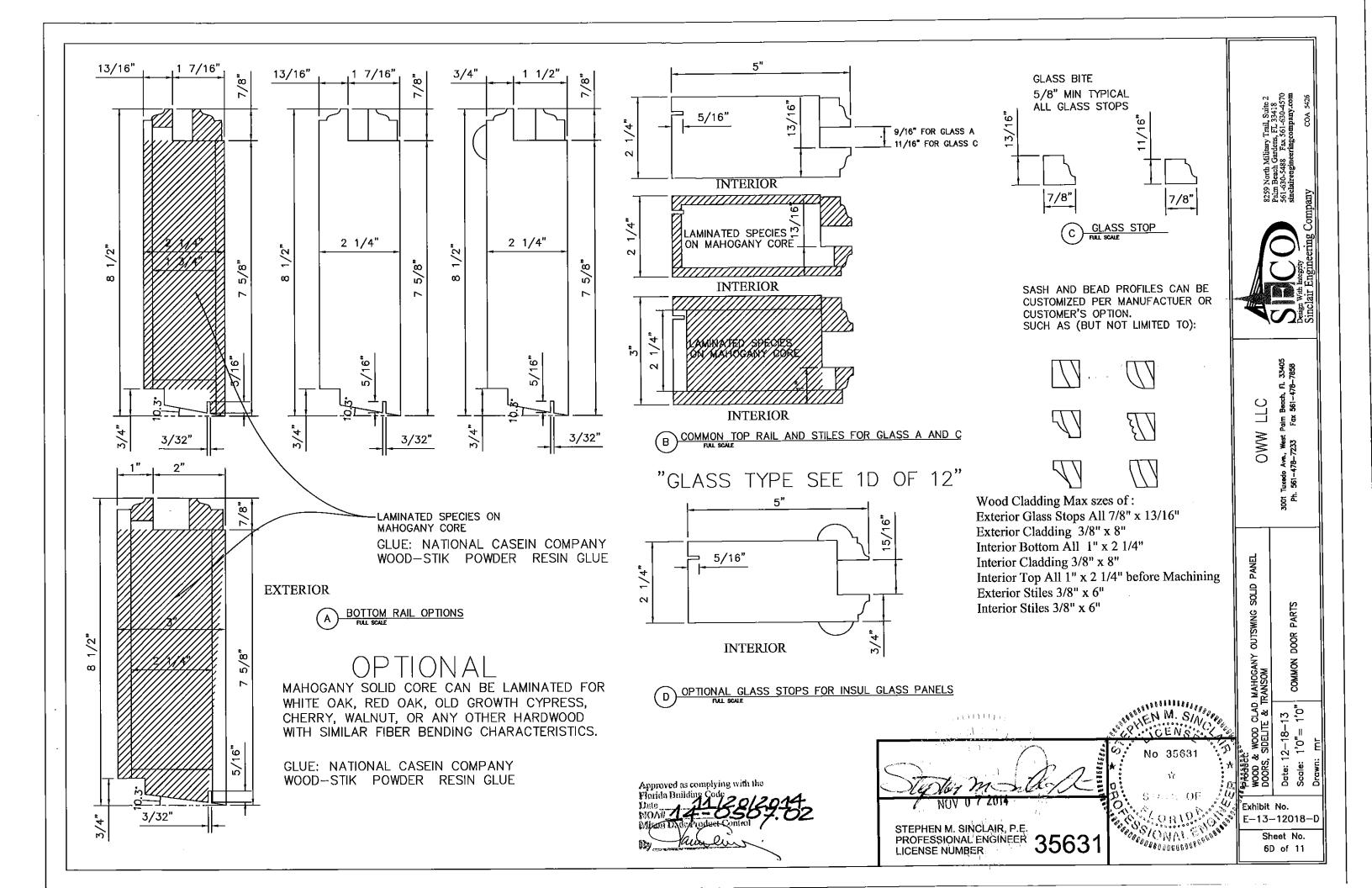
Date: 12-18-13Scale:  $1^n = 1^0$ 

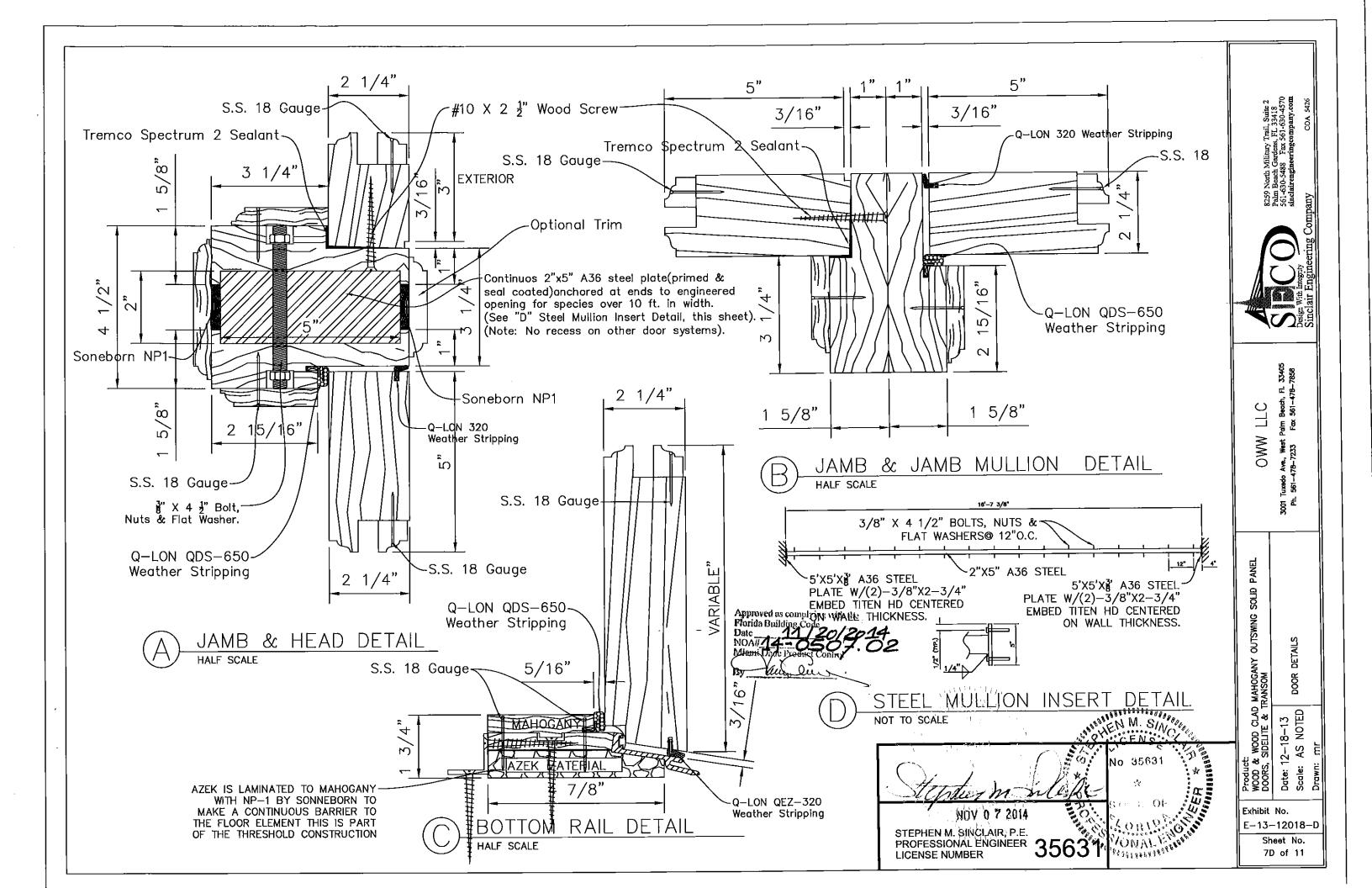
E-13-12018-D

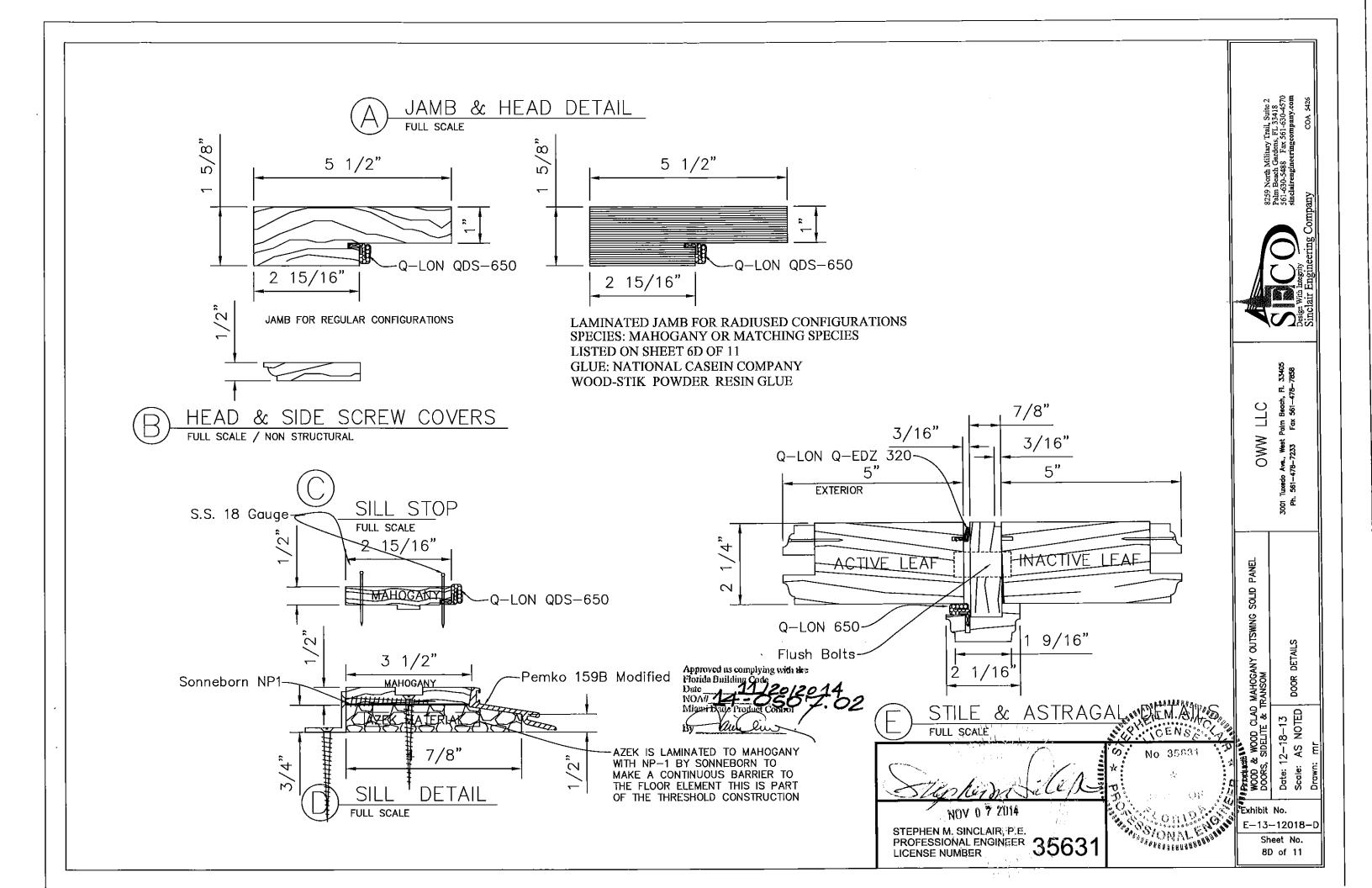
STEPHEN M. SINCLAIR, R.E. PROFESSIONAL ENGINEER 35631

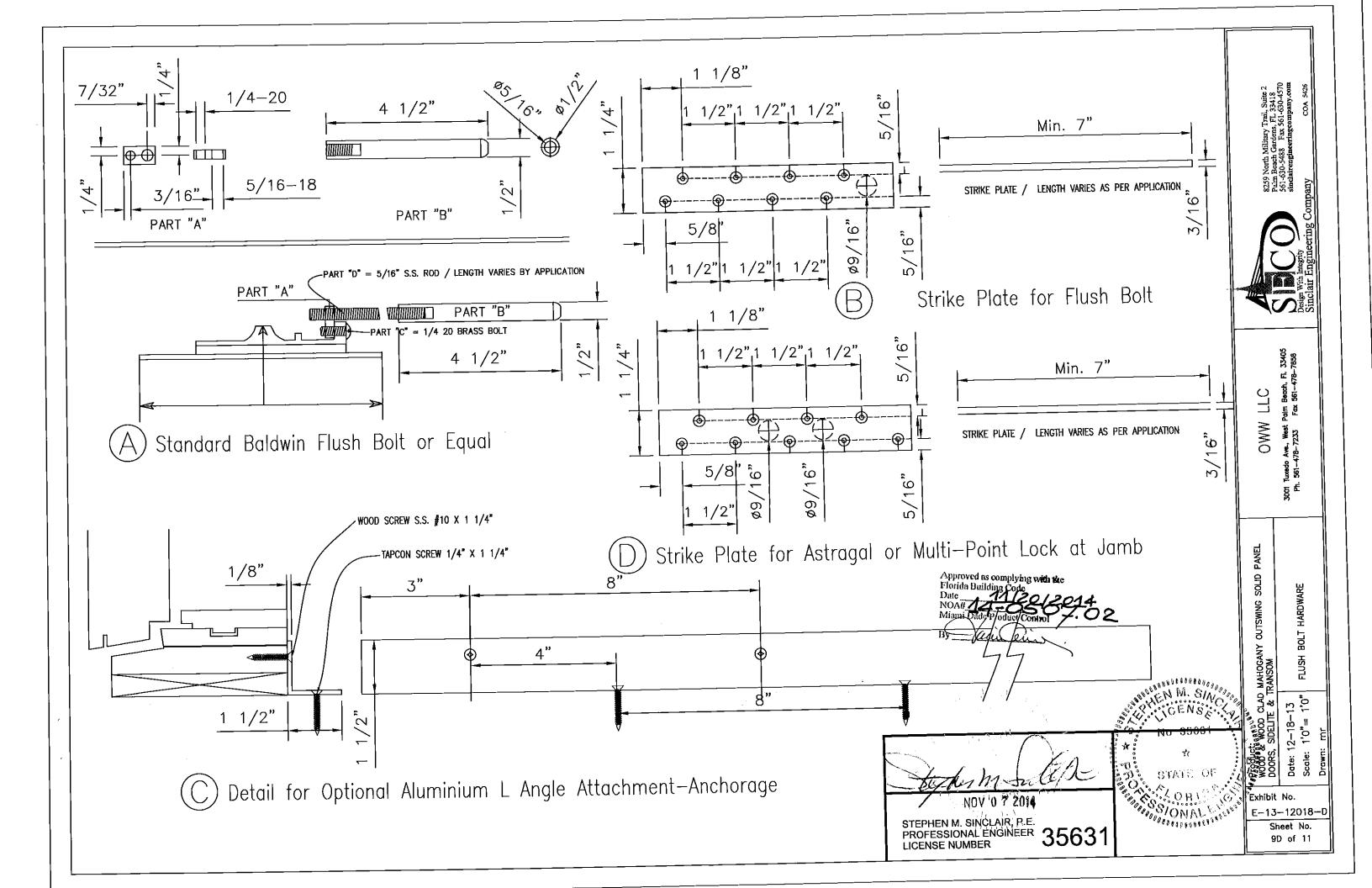
Sheet No. 4D of 11

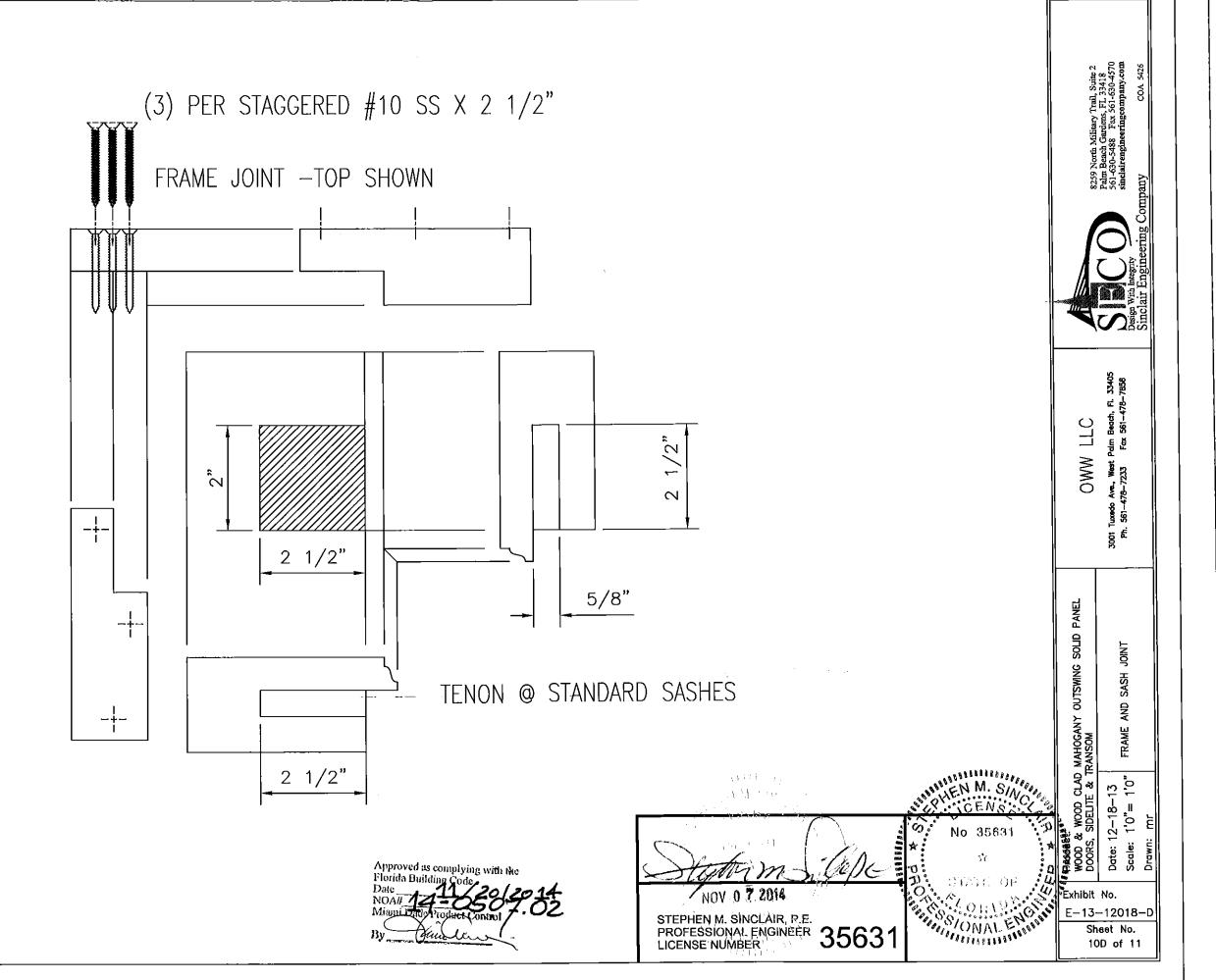


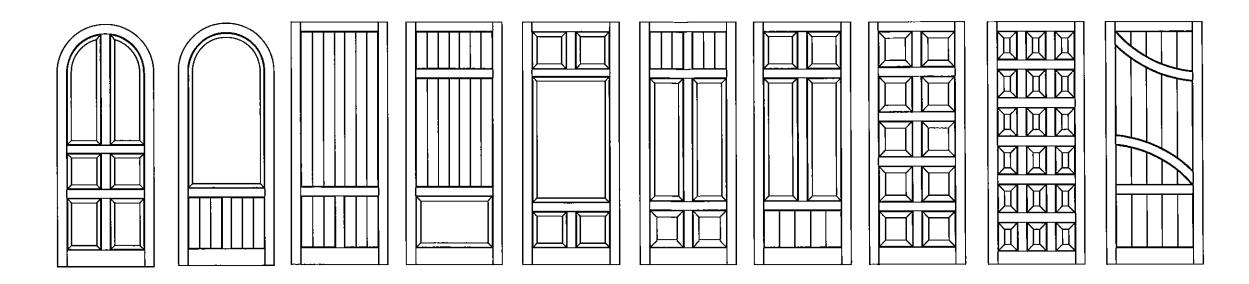


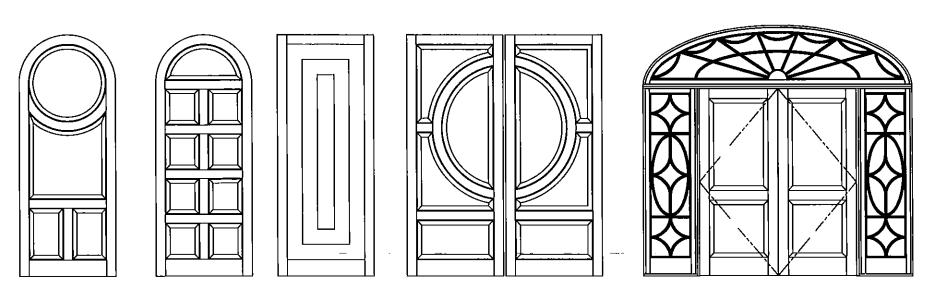


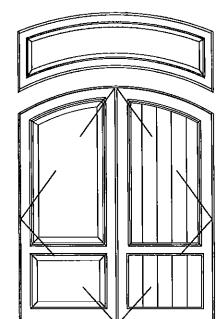




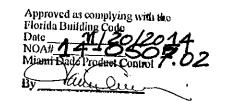


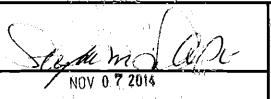






MORE SAMPLES OF POSSIBLE, BUT NOT LIMITED TO, UNIT CONFIGURATIONS (INDIVIDUAL UNIT SIZES NOT TO EXCEED TESTED SIZES)





STEPHEN M. SINCLAIR, P.E. PROFESSIONAL ENGINEER 35631

Sheet No.
11D of 11

CLAD MAHOGANY OUTSWING SOLID PANEL IE & TRANSOM

OWW LLC